



18" Trunk Line Clock Spring® Composite Wrapping

1 Surface Preparation

Inspection on 18" trunk line has highlighted external corrosion on 2 locations.

Surface preparation was done in SA 2 ½ by blasting. Steel putty has been applied on the wall thinning and uneven surfaces prior to the Clock Spring® composite application.



2 Clock Spring® Contour Application

A repair is required that will enable the line to be operated safely.

The proposed solution is the application of Clock Spring® Contour for 14 - layer application.



3 Design Criteria

Defect	:	External Corrossion
Design Pressure	:	1480 psi
Temperature	:	83 °C
Pipe Material	:	API 5L X60
Dent Depth	:	1.19 mm
Design Life	:	20 Years